



SPORTSRYDER

SUPERCAR

ADJUSTABLE COIL-OVER SUSPENSION

164099 Fitting Instructions

It is highly recommended that this kit be fitted by a qualified tradesperson with the appropriate equipment.

1. Raise vehicle on lift and remove road wheels.

Front:

Pic1



2. Remove front O.E.M. strut assembly as per vehicle manufacturers instructions and replace with 164099 front strut assemblies, then remove the O.E.M. sway bar links and replace with the sway bar links provided in the kit. (Pic 1 & Pic 1A)

Pic1A



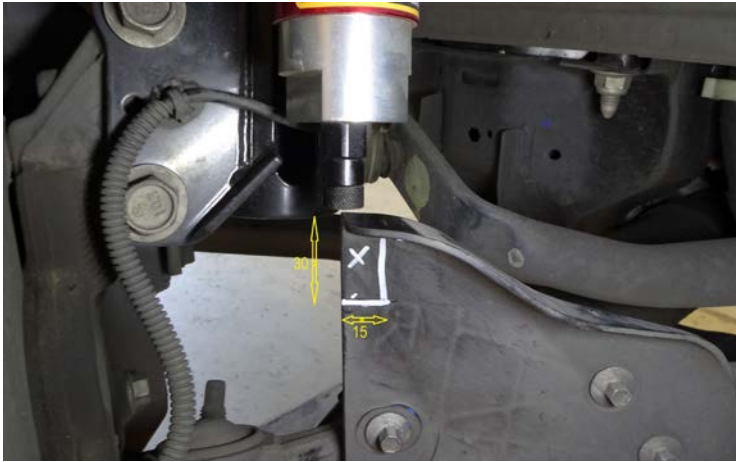
****NOTE**** There is a plastic air deflection shield bolted to the front lower control arm on each side (Pic 2) If the vehicle is lowered more than 25mm (1") below factory height there may be a clearance issue between the front strut canister adjusting knob and the plastic air deflector when the wheels are turned from lock to lock. If the vehicle is going to be run below this height a small section of the plastic (approx. 30mm high X 15mm wide) will need to be removed for clearance.

Pic2



This can be easily done with a hacksaw or similar (refer Pic 3 and 3A)

Pic3



Pic3A



Rear:

1. Support the rear subframe with workshop stands and remove the two rear subframe bolts. Remove the support plate bolts from the front two subframe bolts and loosen them. Using the workshop stands lower the rear of the subframe until the rear coils are loose in their seats and remove them.
2. Fit the coil adjusters to the top of the rear coils and position them making sure they locate correctly top and bottom. Using the workshop stands raise the rear of the rear subframe and refit the two rear subframe bolts. Tighten all four subframe bolts in a rotary sequence (left front, right front, right rear, left rear) Refit and tighten the support plate bolts on the two front subframe bolts.
3. Remove the rear O.E.M. shocks and refit the 164099 rear shocks.

****NOTE**** The rear shocks MUST be adjusted to the correct length using the base cup (lower mount) length adjustment (Pic 4) AFTER the rear ride height has been adjusted at the coil. Correct shock length is holding the rear coil/adjuster assembly just trapped in tension at full suspension droop.

4. Refit road wheels, check and adjust wheel alignment as necessary and road test vehicle.

